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1 [LifeMinutes: an Internet-based system for multimedia meeting minutes](#)

Patrick Chiu, John Boreczky, Andreas Girgensohn, Don Kimber

April WWW '01: Proceedings of the 10th international conference on World Wide Web

Publisher: ACM

Full text available: Pdf (1.68 MB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 61, Citation Count: 9

Keywords: hypermedia systems, meeting capture, meeting support systems, multimedia applications, note taking, video applications

2 [REFEREE: an open framework for practical testing of recommender systems using ResearchIndex](#)

[Dan Cosley](#), [Steve Lawrence](#), [David M. Penrock](#)

August VLDB '02: Proceedings of the 28th international conference on Very Large Data Bases

Publisher: VLDB Endowment

Full text available: Pdf (84.46 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 72, Citation Count: 2

Automated recommendation (e.g., personalized product recommendation on an ecommerce web site) is an increasingly valuable service associated with many databases--typically online retail catalogs and web logs. Currently, a major obstacle for evaluating ...

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Keywords: citeseer, collaborative filtering, content, digital libraries, information retrieval, personalization, recommender systems, researchindex, social filtering

3 Cooperative leases: scalable consistency maintenance in content distribution networks



Anoop Ninan, Purushottam Kuikarni, Prashant Shenoy, Krithi Ramamritham, Renu Tewari

May **WWW '02**: Proceedings of the 11th international conference on World Wide Web 2002 Web

Publisher: ACM

Full text available: Pdf (201.14 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 27, Citation Count: 17

In this paper, we argue that cache consistency mechanisms designed for stand-alone proxies do not scale to the large number of proxies in a content distribution network and are not flexible enough to allow consistency guarantees to be tailored to object ...

Keywords: content distribution networks, data consistency, data dissemination, dynamic data, leases, pullC, push, scalability, world wide web

4 Intermediary Architecture: interposing middleware object services between Web client and server



Craig Thompson, Paul Pazandak, Venu Vasudevan, Frank Mancina, Mark Palmer, Gil Hansen, Tom Bannon

June **Computing Surveys (CSUR)**, Volume 31 Issue 2es 1999

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (33.33 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 38, Citation Count: 0

This paper describes the Intermediary Architecture, a middleware architecture which interposes distributed object services between Web client and server. The architecture extends current Web architectures with a new kind of plug-in, ...

Keywords: World Wide Web, annotations, distributed objects, object request brokers

5 Simplifying failure-inducing input



Ralf Hildebrandt, Andreas Zeller

August **ISSTA '00**: Proceedings of the 2000 ACM SIGSOFT international 2000 symposium on Software testing and analysis

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (596.72 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 41, Citation Count: 14

Given some test case, a program fails. Which part of the test case is responsible for the particular failure? We show how our delta debugging algorithm generalizes and simplifies some failing input to a minimal test case ...

Keywords: automated debugging, combinatorial testing

Also published in:

September 2000 **SIGSOFT Software Engineering Notes** Volume 25 Issue 5

6 [An architecture for flexible, evolvable process-driven user-guidance environments](#)



[Timothy J. Sisk, Matthew P. Billmers, Lori A. Clarke, Lynn J. Osterweil](#)

September 2001 **ESEC/ FSE-9**: Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (175.25 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 38, Citation Count: 2

Complex toolsets can be difficult to use. User interfaces can help by guiding users through the alternative choices that might be possible at any given time, but this tends to lock users into the fixed interaction models dictated by the user-interface ...

Keywords: process guidance, tool integration, user interface design

Also published in:

September 2001 **SIGSOFT Software Engineering Notes** Volume 26 Issue 5

7 [IEPAD: information extraction based on pattern discovery](#)



[Chia-Hui Chang, Shao-Chen Lui](#)

April 2001 **WWW '01**: Proceedings of the 10th international conference on World Wide Web

Publisher: ACM

Full text available: [PDF](#) (364.59 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 136, Citation Count: 47

Keywords: PAT tree, extraction rule, information extraction, multiple string alignment

8 [MultECommerce: a distributed architecture for collaborative shopping on the WWW](#)



[Stefano Pugliese, Robert Carter, Ravi Jain](#)

October **EC '00**: Proceedings of the 2nd ACM conference on Electronic commerce 2000

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf \(690.44 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 43, Citation Count: 1

Keywords: WWW engineering, component technologies, e-commerce APIs, e-commerce architectures, enterprise JavaBeans, shared navigation

9 [A survey of approaches to automatic schema matching](#)

[Erhard Rahm, Philip A. Bernstein](#)

December **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 4

Publisher: Springer-Verlag New York, Inc.

Full text available: [Pdf \(196.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 89, Downloads (12 Months): 436, Citation Count: 278

Schema matching is a basic problem in many database application domains, such as data integration, E-business, data warehousing, and semantic query processing. In current implementations, schema matching is typically performed manually, which has significant ...

Keywords: Graph matching, Machine learning, Model management, Schema integration, Schema matching

10 [Enabling conferencing applications on the internet using an overlay multicast architecture](#)



[Yang Chu, Sanjay Rao, Srinivasan Seshan, Hui Zhang](#)

August **SIGCOMM '01**: Proceedings of the 2001 conference on Applications, technologies, architectures, and protocols for computer communications 2001

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf \(305.43 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 85, Citation Count: 69

In response to the serious scalability and deployment concerns with IP Multicast, we and other researchers have advocated an alternate architecture for supporting group communication applications over the Internet where all multicast functionality is ...

Also published in:

October 2001 **SIGCOMM Computer Communication Review** Volume 31 Issue 4

11 [Exploiting parallelism in pattern matching: an information retrieval application](#)



[Victor Wing-Kit Mak, Kuo Chu Lee, Ophir Frieder](#)

January **Transactions on Information Systems (TOIS)**, Volume 9 Issue 1
1991

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (1.42 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 38, Citation Count: 5

We propose a document-searching architecture based on high-speed hardware pattern matching to increase the throughput of an information retrieval system. We also propose a new parallel VLSI pattern-matching algorithm called the Data Parallel Pattern ...

Keywords: DPPM, pattern matcher

12 [Software process modeling and execution within virtual environments](#)



[John C. Doppke, Dennis Heimblinger, Alexander L. Wolf](#)

January **Transactions on Software Engineering and Methodology**
(TOSEM), Volume 7 Issue 1
1998

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (232.51 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 95, Citation Count: 9

In the past, multiuser virtual environments have been developed as venues for entertainment and social interaction. Recent research focuses instead on their utility in carrying out work in the real world. This research has identified the importance of ...

Keywords: MOO, MUD, PROMO, software process, tools, virtual environments

13 [At the Forge: Writing Modules for mod_perl](#)

[Reuven M. Lerner](#)

April 1999 **Linux Journal**, Volume 1999 Issue 60es

Publisher: Specialized Systems Consultants, Inc.

Full text available: [Html](#) (27.87 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 16, Citation Count: 0

14 [Spatial memory and design: a conceptual approach to the creation of navigable space in multimedia design](#)



[Jean Trumbo](#)

July **interactions**, Volume 5 Issue 4
1998

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (468.87 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 28, Citation Count: 0

15 [Teaching system modeling, simulation and validation](#)

[Jörg Desei](#)

December 2000 **WSC '00**: Proceedings of the 32nd conference on Winter simulation

Publisher: Society for Computer Simulation International

Full text available:  Pdf (210.49 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 43, Citation Count: 0

Simulation is used in the design process of dynamic systems. The results of simulation are employed for validating a model, and they are helpful for the improvement of the design of a system with respect to both, qualitative and quantitative properties. ...


16 [Specifying behavior and semantic meaning in an unmodified layered drawing package](#)



[James Fogarty](#), [Jodi Forlizzi](#), [Scott E. Hudson](#)

October **UIST '02**: Proceedings of the 15th annual ACM symposium on User interface software and technology

Publisher: ACM 

Full text available:  Pdf (1.44 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 42, Citation Count: 1

In order to create and use rich custom appearances, designers are often forced to introduce an unnatural gap into the design process. For example, a designer creating a skin for a music player must separately specify the appearance of the elements in ...

Keywords: prototyping, visual design tools, visual specification


17 [Mining the web for answers to natural language questions](#)



[Dragomir R. Radev](#), [Hong Qi](#), [Zhining Zheng](#), [Sasha Blair-Goldensohn](#), [Zhu Zhang](#), [Weiguo Fan](#), [John Prager](#)

October **CIKM '01**: Proceedings of the tenth international conference on Information and knowledge management

Publisher: ACM 

Full text available:  Pdf (1.47 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 72, Citation Count: 20

The web is now becoming one of the largest information and knowledge repositories. Many large scale search engines (Google, Fast, Northern Light, etc.) have emerged to help users find information. In this paper, we study how we can effectively use these ...

18 [Multimedia backroads \(panel\): low bandwidth implementations](#)



[John M. Danskin](#), [Andres Albanese](#), [Geoffrey M. Davis](#), [Paul G. Jensen](#)

January **MULTIMEDIA '95**: Proceedings of the third ACM international conference 1995 on Multimedia

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (62.53 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 7, Citation Count: 0

19 [Design methodology for PicoRadio networks](#)

[J. da Silva, Jr.](#), [J. Shamberger](#), [M. Ammer](#), [C. Guo](#), [S. Li](#), [R. Shah](#), [T. Tuan](#), [M. Sheets](#), [J. Rabaey](#), [B. Nikolic](#), [A. Sangiovanni-Vincentelli](#), [P. Wright](#)

March **DATE '01**: Proceedings of the conference on Design, automation and test 2001 in Europe

Publisher: IEEE Press

Full text available: [Pdf](#) (328.60 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 26, Citation Count: 2

20 [Parallel execution of prolog programs: a survey](#)



[Gopal Gupta](#), [Enrico Pontelli](#), [Khayri A.M. Ali](#), [Mats Carlsson](#), [Manuel V. Hermenegildo](#)

July **Transactions on Programming Languages and Systems (TOPLAS)**, 2001 Volume 23 Issue 4

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (1.95 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 225, Citation Count: 13

Since the early days of logic programming, researchers in the field realized the potential for exploitation of parallelism present in the execution of logic programs. Their high-level nature, the presence of nondeterminism, and their referential transparency, ...

Keywords: Automatic parallelization, constraint programming, logic programming, parallelism, prolog

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